

**REMARKS**

The Decision of the Board of Patent Appeals and Interferences dated January 30, 2003 has been carefully considered. Accordingly, the changes presented herewith, taken with the following remarks, are believed sufficient to place the present application in condition for allowance. Reconsideration is respectfully requested.

By the present amendment, claims 168 and 176, previously indicated as containing allowable subject matter, are presented in independent form as new claims 185 and 186, respectively. Claims 157, 160-168, 170, 172-176, and 180-182 are cancelled. The dependency of claims 158, 169, 171 and 177-179 has been changed to claim 185 or claim 186.

A Version With Markings Showing Changes Made is attached. Claims 187 and 188, containing limitations from claims 178 and 179, are added to depend from claim 185. It is believed that these changes do not involve any introduction of new matter and place the present application in condition for allowance.

Respectfully submitted,

By



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VERSION WITH MARKINGS SHOWING CHANGES MADE

Claims 158, 169, 171, and 177-179 are amended as follows:

158. The method of claim 185 [157], wherein the fluoroiodocarbon is selected from the group consisting of bromodifluoroiodomethane, chlorodifluoroiodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, difluorodiiodomethane, difluoroiodomethane, 1,2,2,3,3,4,4,5,5,6,6,-dodecafluoro-1,6-diiodohexane, fluoroiodomethane, 1,1,1,2,3,3,3-heptafluoro-2-iodopropane, 1,1,2,2,3,3,3-heptafluoro-1-iodopropane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodohexafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodotridecafluorohexane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, pentafluoroiodoethane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, 1,1,2,2-tetrafluoro-1-iodoethane, 1,1,2-trifluoro-1-iodoethane, trifluoroiodomethane, and trifluoromethyl-1,1,2,,2-tetrafluoro-2-iodoethyl ether.

169. The [A] method of claim 185, wherein the [using a fire extinguishing agent, comprising the steps of:

- (a) placing the agent in a discharge apparatus; and
- (b) discharging a fire-extinguishing amount of the agent from the discharge

apparatus into contact with a combustible or flammable material, wherein the agent consists essentially of an azeotropic or near azeotropic blend of at least one additive selected from the group consisting of hydrofluorocarbons, perfluorocarbons and fluoroethers, and a] fluoroiodocarbon is selected from the group consisting of bromodifluoroiodomethane, chlorodifluoroiodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane,

1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptafluorooctane, 1-iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodoundecafluoropentane, N-iodobis(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.

171. The method of claim 186 [170], wherein the fluoroiodocarbon is selected from the group consisting of bromodifluoriodomethane, chlorodifluoriodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, difluorodiiodomethane, difluoroiodomethane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, fluoroiodomethane, 1,1,1,2,3,3,3-heptafluoro-2-iodopropane, 1,1,2,2,3,3,3-heptafluoro-1-iodopropane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptafluorooctane, iodohexafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodotridecafluorohexane, 1-iodoundecafluoropentane, N-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, pentafluoroiodoethane, 1,1,2,2-tetrafluoro-1,2-diiodoethane, 1,1,2,2-tetrafluoro-1-iodoethane, 1,1,2-trifluoro-1-iodoethane, trifluoroiodomethane, and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether.

177. The [A] method of claim 186, wherein [using a fire extinguishing agent, comprising the steps of:

- (a) placing the agent in a discharge apparatus; and

(b) discharging a fire-extinguishing amount of the agent from the discharge apparatus into contact with a combustible or flammable material, wherein the agent comprises a blend of a fluoroiodocarbon and at least one additive,] the fluoroiodocarbon [being] is selected from the group consisting of bromodifluoroiodomethane, chlorodifluoroiodomethane, 1,1,2,2,3,3,4,4,5,5-decafluoro-1,5-diiodopentane, 1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-1,6-diiodohexane, 1,1,2,2,3,3-hexafluoro-1,3-diiodopropane, 1-iodoheptadecafluorooctane, iodoheptafluorocyclobutane, 1-iodopentadecafluoroheptane, iodopentafluorocyclopropane, 1-iodoundecafluoropentane, n-iodobis-(trifluoromethyl)amine, 1,1,2,2,3,3,4,4,4-nonafluoro-1-iodobutane, 1,1,2,2,3,3,4,4-octafluoro-1,4-diiodobutane, 1,1,2,2-tetrafluoro-1,2-diiodoethane and trifluoromethyl-1,1,2,2-tetrafluoro-2-iodoethyl ether[, and the additive being selected from the group consisting of hydrofluorocarbons, perfluorocarbons and fluoroethers].

178. The method of claim 185 [157], wherein the fluoroiodocarbon is of the formula  $C_aH_bBr_cCl_dF_eI_fN_gO_h$ , wherein a is between and including 1 and 8, b is between and including 0 and 2, c, d, g, and h are each between and including 0 and 1, e is between and including 1 and 17, and f is between and including 1 and 2.

179. The method of claim 185 [157], wherein the fluoroiodocarbon is selected from the group consisting of  $CF_3I$ ,  $CF_3CF_2CF_2I$  and  $CF_3CF_2CF_2CF_2I$ .